# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 00:00 on Friday 25 Sep 2020 until 23:59 on Saturday 26 Sep 2020

Forecast Issued on Thursday 24 Sep 2020 at 16:08

**Confidence:** High for a generally drier but cold ending to the week. Moderate for strong winds and rain at times over the weekend.

**Headline for Friday 25 Sep 2020:** A cold and windy but generally drier day.

**Mountain weather hazards on Friday 25 Sep 2020**

**Blizzards**
No Likelihood

**Heavy Snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
Low Likelihood

**Severe chill effect**
Medium Likelihood

**Poor visibility**
Medium Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent rain**
No Likelihood

**Strong sunlight**
Low Likelihood

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Light rain showers (night) | Light rain showers (night) | Sunny intervals | Sunny intervals | Sunny intervals | Light rain showers | Sunny | Clear night |
| Precipitation probability | | | | | | | |
| 40% | 30% | 20% | 20% | 20% | 30% | <05% | <05% |

**Forecast for Friday 25 Sep 2020**

**Weather:** Mostly dry through the overnight period but with cloudy skies, patchy hill fog and a chance of isolated showers. Becoming mostly dry and clear after dawn with some sunny spells. A chance of further isolated showers through the early afternoon, but soon clearing again leading a dry and bright evening. Feeling very cold in exposure due to low temperatures and strong winds.

**Chance of cloud free mountain/hill tops above 600m:** Generally 70% but reducing to 40% during showers with patchy cloud down to 500m. Becoming 90% in the evening.

**Visibility:** Generally good or very good but moderate or poor at times associated with low cloud and showers.

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# Mountain Weather Forecast

**Forecast for Friday 25 Sep 2020**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 19/25 N | 24/32 N | 25/34 N | 27/37 N | 27/38 N | 24/33 NW | 18/26 NW | 17/26 NW | 16/25 NW |
| **300** | 13/21 N | 17/27 N | 18/27 N | 21/30 NW | 23/35 NW | 22/33 NW | 14/23 NW | 13/22 NW | 12/21 NW |
| **Valley** | 11/24 N | 13/29 N | 11/26 N | 14/28 NW | 18/35 NW | 17/33 NW | 10/23 NW | 8/20 NW | 8/19 NW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 5/-0 | 4/-2 | 4/-2 | 5/-1 | 7/2 | 7/2 | 6/2 | 4/-1 | 2/-3 |
| **300** | 7/4 | 7/3 | 6/2 | 8/3 | 10/6 | 10/6 | 9/6 | 7/3 | 5/1 |
| **Valley** | 8/4 | 7/4 | 6/3 | 9/6 | 11/8 | 11/8 | 9/6 | 7/4 | 5/2 |
| **Freezing Level*** | 1300m | 1300m | 1200m | 1100m | 1200m | 1300m | 1200m | 1000m | 800m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Gusts likely reaching 40-45mph at times over exposed peaks and ridges throughout Friday morning.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 14:00 on Thu 24 Sep 2020 | 1.6mm | 1.6mm | 1.8mm |

**Forecast for Saturday 26 Sep 2020**

**Weather:** A dry and bright start on Saturday morning with sunny spells. Rather breezy but becoming increasingly windy again through the day. Cloud and outbreaks of patchy rain will likely arrive from mid-morning and remain for the rest of the day.

**Maximum wind:** Northwesterly 25mph gusting 38-45mph

**Chance of cloud free mountain/hill tops above 600m:** 90% initially, this reducing to 40% at times with cloud lowering to 400-500m in rain.

**Visibility:** Generally very good to excellent, but reducing to moderate or poor in showers and low cloud at times.

**Temperature:** **Valleys:** Plus 3 Celsius becoming Plus 10 Celsius.
**At 600m:** Plus 1 Celsius becoming Plus 6 Celsius.
**Freezing level:** above summits.

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